

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A set top terminal ~~for generating an interactive electronic program guide for display on a television connected thereto, the terminal comprising:~~

~~—means for retrieving information about a subscriber;~~

~~—means for receiving an interface configured to receive a television signal comprising a composite data stream;~~

~~—means for extracting individual programs from the television signal; program reception circuitry configured to extract and present audiovisual television programs and program control information received in the composite data stream;~~

~~—means to demultiplex video, graphics and text;~~

~~—means to receive an upgrade module a hardware upgrade port configured to receive upgrade circuitry that provides simultaneous-separate access to audio programs received in the composite data stream, while a program extract from the television signal is being displayed, wherein a presentation of the audio programs by the upgrade circuitry is independent from and uncorrelated to the presentation of the audiovisual television programs; not associated with the program extract from the television signal being displayed, the audio is accessed simultaneously while the program extract from the television signal is being displayed and the audio is accessed remotely from said set top terminal;~~

~~—means for generating a processor; and~~

memory storing computer readable instructions, that when executed by the processor, cause the set top terminal to generate an electronic program guide for controlling display of
content on a television screen, the guide comprising a plurality of menus including:

a home menu;

a plurality of major menus displayed as menu options on the home menu;

a plurality of sub-menus displayed as menu options on the plurality of major
menus; and

a plurality of during programming menus enacted after selection of a program,

wherein at least one of the plurality of menus comprises the program control
information; demultiplexed video, graphics and text, and wherein at least another one of the
plurality of ~~major~~ menus comprises displaying a plurality of audio choices for accessing the
audio programs, audio; and means for receiving the selection signals from a user input.

2. (Previously Presented) The terminal of claim 1, wherein the plurality of menus of the
guide further comprises:

an introductory menu that is displayed upon beginning use of the guide.

3. (Currently Amended) The terminal of claim 2, wherein the introductory menu
automatically appears on the television screen when the set top terminal is turned on;
and

the terminal further comprises wherein the computer readable instructions, when
executed by the processor, further cause the set top terminal to:

~~means for generating~~generate a cursor highlight overlay to indicate the position of a cursor on at least one menu; and

~~means for moving~~move the cursor highlight overlay in response to a user selection
~~pressing of cursor movement buttons by a user.~~

4. (Currently Amended) The terminal of claim 2, wherein the introductory menu displays information or messages from a television delivery system operations center that provides programming.

5. (Original) The terminal of claim 4, wherein the information or messages are directed to a particular subscriber.

6. (Original) The terminal of claim 4, wherein the information or messages are directed to a group of subscribers.

7. (Original) The terminal of claim 1, wherein the during program menus comprise hidden menus and program overlay menus.

8. (Currently Amended) A set top terminal ~~for generating an interactive electronic program guide for display on a television connected to the set top terminal,~~ the terminal comprising:

~~means for receiving an interface configured to receive~~ a television signal comprising a composite data stream:

~~means for extracting individual programs from the television signal;~~program reception circuitry configured to extract and present audiovisual television programs and program control information received in the composite data stream;

~~means to demultiplex video, graphics and text;~~

~~means to receive an upgrade module a hardware upgrade port configured to receive upgrade circuitry that provides simultaneous separate-access to audio programs received in the composite data stream, while a program extract from the television signal is being displayed, wherein a presentation of the audio programs by the upgrade circuitry is independent from and uncorrelated to the presentation of the audiovisual television programs; not associated with the program extract from the television signal being displayed, the audio is accessed simultaneously while the program extract from the television signal is being displayed and the audio is accessed remotely from said set top terminal;~~

~~means for generating~~

~~a processor; and~~

~~memory storing computer readable instructions, that when executed by the processor, cause the set top terminal to generate an electronic program guide for controlling display of content on a television screen, the guide comprising:~~

a plurality of menus, wherein at least one of the menus comprises the program control information, ~~demultiplexed video, graphics and text~~, and wherein at least another one of the menus comprises ~~displaying~~ a plurality of audio choices for accessing the ~~audio~~; audio programs;

a logo that is displayed with a presented audiovisual television program in response to the presented audiovisual television program having an interactive feature; and on the television screen during one of the programs, which program has one or more interactive features; and

an overlay menu that is displayed with the presented audiovisual television program in response to a user selection received by the set top terminal, during the one of the programs; the overlay menu including the interactive feature. ~~features; and~~

~~means for receiving selection signals from a user input;~~

~~wherein the logo indicates to a user that the interactive features are available for the program, and wherein the overlay menu is displayed in response to a signal received from the user input.~~

9. (Original) The terminal of claim 8, wherein the overlay menu includes menu options for a plurality of interactive features.

10. (Currently Amended) The terminal of claim 9, wherein the overlay menu further includes a menu option to return to the presented audiovisual television program without the interactive features.

11. (Currently Amended) The terminal of claim 9, wherein the guide further comprises a cursor that indicates one of the menu options, wherein the cursor is controlled by ~~the user input;~~ a user selection received by the set top terminal.

12. (Currently Amended) the terminal of claim 9, wherein the interactive features include quizzes, facts, or products, related to the presented audiovisual television program.

13. (Currently Amended) The terminal of claim 9, wherein the guide further comprises a plurality of interactive submenus for use with the interactive features, which submenus are displayed in response to a selection of the menu options received by the set top terminal. ~~items, the selection being received as at least one of the selection signals from the user input.~~

14. (Original) The terminal of claim 13, wherein the submenus are displayed in a video window in a scaled-down program video format.

15. (Currently Amended) The terminal of claim 13, wherein the presented audiovisual television program and one or more of the submenus are displayed on the television at the same time.

16. (Original) The terminal of claim 8, wherein the logo is displayed as an overlay menu.

17. (Canceled)

18. (Canceled)

19. (Original) The terminal of claim 8, wherein the overlay menu is generated by the set top terminal using data received during a vertical blanking interval.

20. (Previously presented) The terminal of claim 8, wherein the logo is displayed in a corner of a screen of the television periodically for a specified duration.

21. (Currently Amended) The terminal of claim 20, wherein the logo is displayed for fifteen seconds during a plurality of ten-minute segments of the presented audiovisual television program.

22. (Previously amended) A set top terminal ~~for generating an interactive electronic program guide for display on a television connected to the set top terminal, the terminal comprising:~~

~~means for retrieving information about a subscriber;~~

~~means for receiving an interface configured to receive a television signal comprising a composite data stream;~~

~~means for extracting individual programs from the television signal; program reception circuitry configured to extract and present audiovisual television programs and program control information received in the composite data stream;~~

~~means to demultiplex video, graphics and text;~~

~~means to receive an upgrade module a hardware upgrade port configured to receive upgrade circuitry that provides simultaneous-separate access to audio programs received in the composite data stream, while a program extract from the television signal is being displayed;~~

wherein a presentation of the audio programs by the upgrade circuitry is independent from and uncorrelated to the presentation of the audiovisual television programs; ~~not associated with the program extract from the television signal being displayed, the audio is accessed simultaneously while the program extract from the television signal is being displayed and the audio is accessed remotely from said set top terminal;~~

_____ means for generating

_____ a processor; and

_____ memory storing computer readable instructions, that when executed by the processor, cause the set top terminal to generate an electronic program guide for controlling display of content on a television screen, the guide comprising a plurality of menus including:

a plurality of interactive menus, each corresponding to a level of interactivity and having one or more interactive menu items for selection; and

a main menu having one or more main menu items for selection, which main menu items correspond to the interactive menus, wherein the menus are navigated ~~using a user input, and wherein the main menu items and the interactive menu items are responsive to~~ with selection signals received from ~~the a~~ user input,

wherein at least one of the plurality of menus comprises the program control information, demultiplexed video, graphics and text, and wherein at least one of the plurality of menus comprises ~~displaying~~ a plurality of audio choices for accessing the audio programs, ~~and~~

_____ means for receiving the selection signals from the user input.

23. (Currently amended) A method ~~of generating an interactive electronic programming guide for display on a television connected to a set top terminal, the method comprising:~~

receiving a television signal comprising a composite data stream from an operations center, the composite data stream signal having a plurality of television programs and interactive features;

~~extracting the individual programs from the signal;~~extracting an audiovisual television program from the composite data stream;

~~demultiplexing video, graphics and text;~~extracting program control information from the composite data stream;

~~extracting an audio program from the composite data stream; and~~

~~separately presenting the audiovisual television program and the audio program, accessing audio while a program extract from the television signal is being displayed via an upgrade module connected to the set top terminal, wherein the presentation of the audio program is independent from and uncorrelated to the presentation of the audiovisual television program;~~not associated with the program extract from the television signal being displayed, the audio is accessed simultaneously while the program extract from the television signal is being displayed and the audio is accessed remotely from said set top terminal;

~~generating a plurality of menus, including:~~

generating a plurality of interactive menus each corresponding to a level of interactivity;

generating a plurality of program menus having information related to the programs; and

generating a main menu having one or more menu items for selection, the menu items including an interactive menu item for accessing the interactive menus and a program menu item for accessing the program menus;

displaying the main menu on a television screen;

receiving from a user input device a selection of one of the menu items; and

displaying interactive or program menus associated with the selection,

wherein at least one of the ~~plurality of~~ menus comprises the program control information, ~~demultiplexed video, graphics and text~~, and wherein at least one of the ~~plurality of~~ menus comprises ~~displaying~~ a plurality of audio choices for accessing the audio program.

24. (Currently amended) The method of claim 23, further comprising:

displaying ~~one of the programs~~ the audiovisual television program on the screen; and

displaying during the audiovisual television program a logo indicating that interactive features are associated with the program.

25. (Original) The method of claim 24, further comprising:

receiving from the user input device a signal associated with the logo; and

displaying, in response to the signal, an overlay menu of the interactive features.

26. (New) The set top terminal of claim 1, wherein the program control information comprises video, graphics and text.

27. (New) The set top terminal of claim 8, wherein the program control information comprises video, graphics and text.

28. (New) The set top terminal of claim 22, wherein the program control information comprises video, graphics and text.

29. (New) The method of claim 23, wherein the program control information comprises video, graphics and text.